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JP2076598A: ANTI ED-B ANTIBODY

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Issued/Filed Dates: **March 15, 1990 / Sept. 14, 1988**

Application Number: **JP1988000230458**

IPC Class: **C12P 021/08; C12N 005/16; C12N 015/06; G01N 033/53; G01N 033/574;
A61K 039/395; C07K 007/08; C12P 021/08; C07K 099/00;**

Abstract: **Purpose:** To obtain an antibody having specific reactivity to carcinomatous FN by administering peptide, etc., having amino acid sequence expressed by a specific formula to a mammal as an immunogen and producing a desired antibody in vivo.
Constitution: A peptide or protein having at least amino acid sequence expressed by formula I, formula II or formula III (A is alanine, D is aspartic acid, N is asparagine, I is isoleucine, L is leucine, G is glycine, P is proline, S is serine, E is glutamic acid, Q is glutamine, T is threonine, F is phenylalanine, V is valine, C is cysteine, Y is tyrosine) is administered to a mammal as an immunogen to produce the antibody capable of specifically recognizing ED-B and having specific reactivity to cancerous FN in vivo.

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Foreign References: **none**

(No patents reference this one)



Alternative





(19)

(11) Publication number:

Generated Document.

PATENT ABSTRACTS OF JAPAN

(21) Application number: **63230458**(51) Intl. Cl.: **C12P 21/08 C12N 5/16 C12
33/53 G01N 33/574**(22) Application date: **14.09.88**

<p>(30) Priority:</p> <p>(43) Date of application publication: 15.03.90</p> <p>(84) Designated contracting states:</p>	<p>(71) Applicant: FUJITA GAKUEN OTSUKA PHARMACE</p> <p>(72) Inventor: SEKIGUCHI KIYOTOS CHITANI KOUICHI HIRANO NAONOBU TACHIKAWA TETSUY SHIN TEIKIN</p> <p>(74) Representative:</p>
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(54) **ANTI ED-B ANTIBODY**

(57) Abstract:

PURPOSE: To obtain an antibody having specific reactivity to carcinomatous FN by administering peptide, etc., having amino acid sequence expressed by a specific formula to a mammal as an immunogen and producing a desired antibody in vivo.

CONSTITUTION: A peptide or protein having at least amino acid sequence expressed by formula I, formula II or formula III (A is alanine, D is aspartic acid, N is asparagine, I is isoleucine, L is leucine, G is glycine, P is proline, S is serine, E is glutamic acid, Q is glutamine, T is threonine, F is phenylalanine, V is valine, C is cysteine, Y is tyrosine) is administered to a mammal as an

E G I P I F E D F V D S S V

Y T V T G L E P G I D Y D I

administered to a mammal as an immunogen to produce the antibody capable of specifically recognizing ED-B and having specific reactivity to cancerous FN in vivo.

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